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Sequence Listing was accepted with existing errors.

See attached Validation Report.

If you need help call the Patent Electronic Business Center at (866)  
217-9197 (toll free).

Reviewer: Durreshwar Anjum

Timestamp: Fri May 25 12:11:02 EDT 2007

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Application No: 10534097

Version No: 1.0

Input Set:

Output Set:

Started: 2007-05-24 12:02:46.855

Finished: 2007-05-24 12:02:55.403

Elapsed: 0 hr(s) 0 min(s) 8 sec(s) 548 ms

Total Warnings: 22

Total Errors: 10

No. of SeqIDs Defined: 22

Actual SeqID Count: 22

Error code	Error Description
W 213	Artificial or Unknown found in <213> in SEQ ID (1)
W 213	Artificial or Unknown found in <213> in SEQ ID (2)
E 257	Invalid sequence data feature in <221> in SEQ ID (2)
W 213	Artificial or Unknown found in <213> in SEQ ID (3)
W 213	Artificial or Unknown found in <213> in SEQ ID (4)
W 213	Artificial or Unknown found in <213> in SEQ ID (5)
E 257	Invalid sequence data feature in <221> in SEQ ID (5)
W 213	Artificial or Unknown found in <213> in SEQ ID (6)
W 213	Artificial or Unknown found in <213> in SEQ ID (7)
E 257	Invalid sequence data feature in <221> in SEQ ID (7)
W 213	Artificial or Unknown found in <213> in SEQ ID (8)
E 257	Invalid sequence data feature in <221> in SEQ ID (8)
W 213	Artificial or Unknown found in <213> in SEQ ID (9)
E 257	Invalid sequence data feature in <221> in SEQ ID (9)
W 213	Artificial or Unknown found in <213> in SEQ ID (10)
E 257	Invalid sequence data feature in <221> in SEQ ID (10)
W 213	Artificial or Unknown found in <213> in SEQ ID (11)
E 257	Invalid sequence data feature in <221> in SEQ ID (11)
W 213	Artificial or Unknown found in <213> in SEQ ID (12)
W 213	Artificial or Unknown found in <213> in SEQ ID (13)

**Input Set:**

**Output Set:**

**Started:** 2007-05-24 12:02:46.855  
**Finished:** 2007-05-24 12:02:55.403  
**Elapsed:** 0 hr(s) 0 min(s) 8 sec(s) 548 ms  
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**No. of SeqIDs Defined:** 22  
**Actual SeqID Count:** 22

Error code	Error Description
E 257	Invalid sequence data feature in <221> in SEQ ID (13)
W 213	Artificial or Unknown found in <213> in SEQ ID (14)
E 257	Invalid sequence data feature in <221> in SEQ ID (14)
E 257	Invalid sequence data feature in <221> in SEQ ID (14)
W 213	Artificial or Unknown found in <213> in SEQ ID (15)
W 213	Artificial or Unknown found in <213> in SEQ ID (16)
W 213	Artificial or Unknown found in <213> in SEQ ID (17)
W 213	Artificial or Unknown found in <213> in SEQ ID (18)
W 213	Artificial or Unknown found in <213> in SEQ ID (19)
W 213	Artificial or Unknown found in <213> in SEQ ID (20) This error has occurred more than 20 times, will not be displayed

# SEQUENCE LISTING

<110> STUPP, SAMUEL I.  
 BENIASH, ELIA  
 HARTGERINK, JEFFREY D.

<120> COMPOSITION AND METHOD FOR SELF-ASSEMBLY AND  
 MINERALIZATION OF PEPTIDE-AMPHIPHILES

<130> NANO 106 US2

<140> 10534097  
 <141> 2007-05-24

<150> 10/534,097  
 <151> 2005-11-08

<150> 60/425,536  
 <151> 2002-11-12

<150> 60/425,689  
 <151> 2002-11-12

<150> PCT/US03/04779  
 <151> 2003-02-18

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<170> PatentIn Ver. 3.3

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 1 5

<210> 2  
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<220>  
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1 5 10

<210> 3

<211> 13

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic  
peptide

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Cys Cys Cys Cys Gly Gly Gly Glu Ile Lys Val Ala Val  
1 5 10

<210> 4

<211> 13

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic  
peptide

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1 5 10

<210> 5

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peptide

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<211> 5

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<213> Artificial Sequence

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<223> Description of Artificial Sequence: Synthetic  
peptide

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<210> 8  
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<220>  
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<222> (8)

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Ala Ala Ala Ala Gly Gly Gly Ser Arg Gly Asp

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<210> 10

<211> 11

<212> PRT

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<223> Description of Artificial Sequence: Synthetic  
peptide

<220>

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<222> (8)

<223> Ser(P)

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Cys Cys Cys Cys Gly Gly Gly Ser Lys Gly Glu

1 5 10

<210> 11

<211> 11

<212> PRT

<213> Artificial Sequence

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<223> Description of Artificial Sequence: Synthetic  
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<222> (8)

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1 5 10

<210> 12

<211> 11

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<213> Artificial Sequence

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<223> Description of Artificial Sequence: Synthetic  
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1 5 10

<210> 13

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peptide

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<222> (8)

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1 5 10

<210> 14

<211> 12

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<213> Artificial Sequence

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peptide

<220>

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<222> (9)

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<210> 15

<211> 13

<212> PRT

<213> Artificial Sequence

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<223> Description of Artificial Sequence: Synthetic  
peptide



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<220>  
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<210> 17  
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peptide

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<210> 18  
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<220>  
<223> Description of Artificial Sequence: Synthetic  
peptide

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1 5

<210> 19  
<211> 8  
<212> PRT  
<213> Artificial Sequence

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peptide

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<210> 20

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

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<210> 21

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic  
peptide

<400> 21

His Asn His Gln His Asn Gln His  
1 5

<210> 22

<211> 12

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic  
peptide

<400> 22

Ala Cys Ala Ala Gly Gly Gly Lys Arg Gly Asp Ser  
1 5 10